

DT Patent  
 LA French  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 2108734		19720623		<--
PRAI US 1970-76795		19700930	<--	

AB Printing of nylon or polyester fabrics, plastic or metal foils, or paper is effected by coating a master sheet (paper) having a surface of cotton or nylon flocks or pile with a pattern using a thermosensitive marking material (sublimable dye), overlapping the master with a thermosensitive copy sheet and exposing the free surface of the master or copy sheet to irradiation whereby the pattern is transferred by volatilization of the marking material. The masters produce up to 150 copies. The pattern may be formed by a template or electrostatically or by xerog. Thus, a stencil is prep'd: and an ink made by adding bonding and thickening agents to a liquid color is applied through it by means of a brush onto a sheet carrying nylon flocks. After drying 10 min at 65°, the master is covered with a nylon woven cloth and the pattern transferred by passage of a flatiron at 205° over it. Greater than 75 copies can be prepared and copies may also be made on polyester or 60% polyester, 40% viscose non-woven material.

IC B41M  
 CC 74-8 (Radiation Chemistry, Photochemistry, and Photographic Processes)  
 ST image reprodn color sublimation  
 IT Copying process  
 Printing  
 (by transfer of thermosensitive sublimable dyes)

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FILE 'HCAPLUS' ENTERED AT 14:57:32 ON 24 AUG 2009

L1 1 S US20070124873/PN OR (US2006-582290 OR WO2004-BR246 OR BR2004-  
 E BELT GROUP/CO  
 E BELTGROUP/CO

L2 1 S E4/CO, PA, CS  
 E BELT GROUP/PA, CS  
 E DE LORENZO/AU

L3 5 S E62  
 E DELORENZO/AU

L4 5 S E32  
 E LORENZO/AU  
 E LORENZO R/AU

L5 47 S E3, E4, E10  
 E SUBLIMATION/CT  
 E E14+ALL

L6 79 S E2  
 E SUBLIMATION/CT  
 E E12+ALL

L7 305 S E2

L8 2889 S SUBLIMA? (L) PRINT?

L9 2889 S L6-L8

L10 753 S L9 AND TEXTIL?/SC, SX, CW, CT, BI

L11 1 S L9 AND B41F001-10/IPC, IC, ICM, ICS, EPC

L12 541 S B41F016/IPC, IC, ICM, ICS, EPC

L13 70 S L12 AND SUBLIMA?

L14 1539 S L6,L7,L10-L13  
L15 1836 S L8,L9 NOT L14  
L16 1966 S B41M005-035/IPC, IC, ICM, ICS, EPC  
L17 4880 S L14-L16  
L18 1 S L1-L5 AND L17  
L19 2 S L17 AND (SEAT OR SAFETY)()BELT  
L20 36 S L17 AND (STRAP OR WEBBING OR BELT)  
L21 54 S L17 AND DIGITAL?  
L22 49 S L17 AND (WEAVE OR WOVEN)  
L23 217 S L17 AND (BLEACH? OR WHITE? OR PEROX?)  
L24 7 S L23 AND L18-L22  
L25 132 S L18-L22,L24  
L26 11 S L25 AND PY<=2004 NOT P/DT  
L27 101 S L25 AND (PD<=20041216 OR PRD<=20041216 OR AD<=20041216) NOT L  
L28 3 S L26 NOT (INKJET? OR INK JET?)  
L29 2 S L28 NOT 80/SC  
L30 17 S L27 AND INK?/SX,SC  
SEL AN 2 3 5 6 8  
L31 5 S L30 AND E1-E10  
L32 19 S L29,L30,L18  
L33 84 S L27 NOT L28-L32  
L34 41 S L33 AND TRANSFER PRINT?  
L35 32 S L34 AND SUBLIM?  
L36 52 S L33 NOT L35  
SEL AN 5 11 17 33 34 39 43 48 51  
L37 9 S L36 AND E11-E28  
L38 8 S L37 AND SUBLIM?  
L39 19 S L32,L38

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